

**Optimize your fireplace with the Chazelles Hot air ducting system.**

**The system consists in capturing radiant heat into the fireplace structure produced by the slow combustion wood heater, and to distribute it in different rooms.**

**A lot of advantages :**

- reduce the cost of heating,
- have a better and more homogeneous distribution of heat in the whole house,
- optimize the output efficiency of the fireplace,
- reduce the temperature difference between floor and ceiling.

This system is designed only for Cheminées Chazelles Fireplaces slow combustion wood heaters.

When using the Hot air ducting system, be sure the firebox has the door closed.

Fan with a capacity of 500M<sup>3</sup>/H depending the number of hot air blowing vents installed, provides the distribution of the hot air in selected rooms through a network of flexible insulated ducts.

A By-pass vent is used to balance the network ducting system. To avoid depression inside the fireplace structure, ambient hot air in the room where is situated the fireplace is mixed with the hot air sucked from the fireplace. The proper balance of the installation can be checked by making sure the convected hot air vents are still giving hot air when the Fan is working.

The fan is connected with a minimum of 3 meters flexible aluminium pipe starting close to the firebox inside the fireplace structure for the Radiant firebox range or directly connected to the firebox for the Grande Vision or Design firebox range.

The By-pass vent is installed in the same room where is the fireplace and connected to the fan with a minimum of 2 meters of flexible aluminium pipe.

A repartition box or "T" or "Y" section pending the numbers of rooms is installed in the middle of the ducting insulated pipes network to dispatch hot air in each room.

Cheminées Chazelles Fireplaces is only manufacturer and supplier.  
It is not his prerogative to install or to conduct a study of a Hot air ducting system,  
it is only the competence of a qualified and professional installer.

